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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/677,752	
	Filing Date	10/03/2000	
	First Named Inventor	W. James Jackson, et al.	
	Art Unit	1645	
	Examiner Name	Ford, Vanessa L.	
Total Number of Pages in This Submission	139	Attorney Docket Number	087-999

ENCLOSURES (Check all that apply)		
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<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	John M. Naber (Reg. No. 46,487)
Signature	
Date	June 3, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: W. James Jackson, et al Confirmation No.: 5261

Serial No. 09/677,752 Art Unit: 1645

Filed: 10/03/2000 Examiner: Ford, Vanessa L.

For: *Chlamydia* Protein, Gene Sequence and Uses Thereof Atty Docket No.: 087-999

Commissioner for Patents
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FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicant hereby direct the Examiner's attention to the References CE - CQ listed on the attached revised PTO-1449 form.


Applicant respectfully requests that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

As this statement is being submitted under 37 C.F.R. § 1.97(b)(4), before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

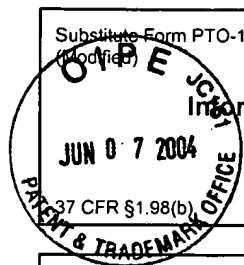
Respectfully submitted,

Dated: 3 June 2004

By:


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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 087-999	Application No. 09/677,752
Information Disclosure Statement by Applicant (Use several sheets if necessary)				Applicant W. James Jackson	
				Filing Date 10-03-2000	



U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	CE	US 5,965,141	10-12-1999	Briles et al			
	CF	US 5,976,544	11-02-1999	Charles et al			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	CG	Deslauriers, et al, Identification of Murine Protective Epitopes on the <i>Porphyromonas gingivalis</i> Fimbrillin Molecule, Infection and Immunity, 64:434 (1996)
	CH	Ji, et al, Intranasal Immunization with C5a Peptidase Prevents Nasopharyngeal Colonization of Mice by the Group A <i>Streptococcus</i> , Infection and Immunity, 65:2080 (1997)
	CI	Nilsson, et al, Vaccination with a Recombinant Fragment of Collagen Adhesin Provides Protection against <i>Staphylococcus Aureus</i> -mediated Septic Death, J. Clin. Invest., 101:2640 (1998)
	CJ	Sexton, et al, Vaccination of Sheep Against Fasciola Hepatica with Glutathione S-transferase. Identification and Mapping of Antibody Epitopes on a Three-Dimensional Model of the Antigen, J. Immunology, 152:1861 (1994)
	CK	Tanzer, et al, Characterization of Outer Membrane Proteins in <i>Chlamydia trachomatis</i> LGV Serovar L2, J. Bacteriology, 183:2686 (2001)
	CL	Exner, et al, Protection Elicited by Native Outer Membrane Protein Oms66 (p66) against Host-Adapted <i>Borrelia burgdorferi</i> : Conformational Nature of Bactericidal Epitopes, Infection and Immunity, 68:2647 (2000)
	CM	Grimwood, et al, Expression of <i>Chlamydia pneumoniae</i> Polymorphic Membrane Protein Family Genes, Infection and Immunity, 69:2383 (2001)
	CN	Christiansen, et al, Potential Relevance of <i>Chlamydia pneumoniae</i> Surface Proteins to an Effective Vaccine, J. Infectious Diseases, 181(Suppl 3):S528 (2000)
	CO	Stothard, et al, Polymorphic Membrane Protein H Has Evolved in Parallel with the Three Disease-Causing Groups of <i>Chlamydia trachomatis</i> , Infection and Immunity, 71:1200 (2003)
	CP	Mygind, et al, Membrane Proteins PmpG and PmpH are Major Constituents of <i>Chlamydia trachomatis</i> L2 Outer Membrane Complex, FEMS Microbiol Lett., 186(2):163 (2000)
	CQ	Hou, et al, Conformational Epitopes Recognized by Protective Anti-Neisserial Surface Protein A Antibodies, Infection and Immunity, 71(12):6844 (2003)

Examiner Signature	Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	